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CACTI

and other
SUCCULENT SEEDS



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JUN 12 1935 ★
Department of Agriculture

Due to many requests, seeds are quoted in smaller quantities than in prior lists. Most pkt. are 10c. The number of seeds in one pkt. varies accordingly to rarity & purchasing price. Due to cost of handling no pkt. is sold for less than 10c. All shipments amounting to a dollar or more post paid. Terms: Cash with order. - Prices on quantities on request.

HERMAN TOBUSCH
632 So. WISCONSIN AVE.
VILLA PARK, ILL., U. S. A.

RARITIES

The following varieties should be in every collection.

No.		Pkt. \$
1a	Ariocarpus Kotschubeyanus .....	.10
5a	" strobiliformis .....	.10
5b	" trigonus.....	.10
7	Cephalocereus senilis, (old man) ..	.10
8	" Palmeri, fast gr. ....	.10
8a	" Royenii, blue .....	.10
8b	" phaeacanthus, rare .....	.10
9	Pilocereus erythrocephalus .....	.10
10	Astrophytum asterias .....	.10
10c	" capr. X aserias.....	.10
10g	" myriostigma coahuil. X	
	asterias .....	.10
10h	" asterias X myriost. coah.	.10
10m	" hybrides x hybrides ....	.10

Astrophytum hybrides are very interesting, the No. 10m being hybr. in 2. generation.

11b	Astrophytum capricorne .....	.10
11c	" capricorne minor .....	.10
11d	" " senile .....	.10
11g	" " niveum, new ..	.10
12	" myriostigma, bishops	
	cap, very popular .....	.10
12a	" ornatum, best of all ....	.10
12c	" myriostigma, 4 ribbed....	.10
12d	" " coahuilensis ..	.10
12e	" " tulensis, spiral	.10
12f	" " tamaulipensis..	.10
12h	" mixed all kinds .....	.10
13	Obregonia Denegrii .....	.10
13a	Haagea Schwartzii.....	.10
13b	Leuchtenbergia principis .....	.10
14a	Peleciphora pectinata .....	.10

CEREUS

Columnar, easily growing.

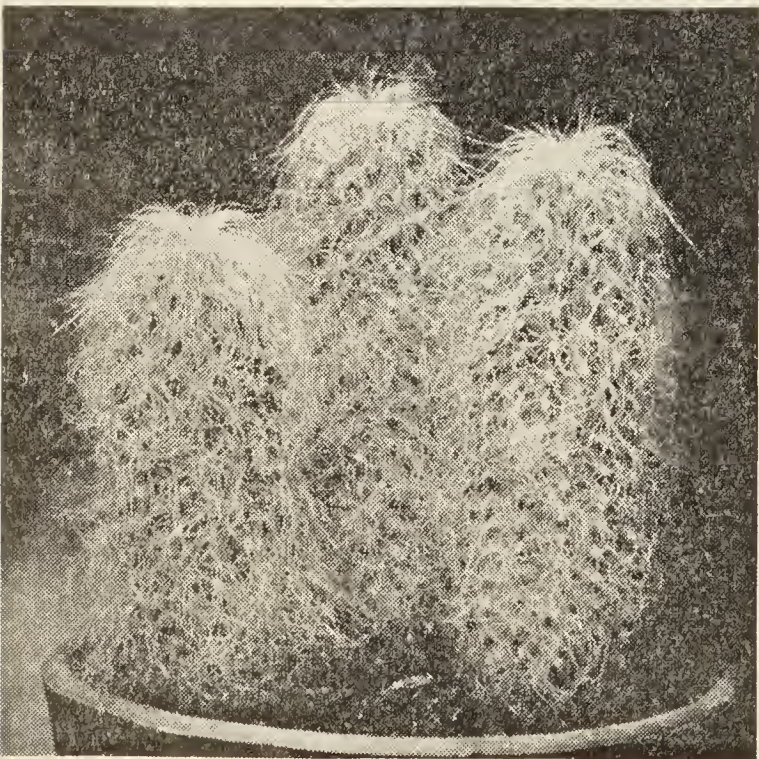
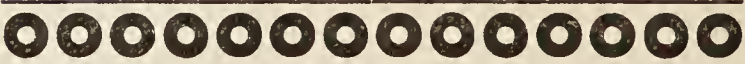
No.		Pkt. \$
15b	adscendens, (Harissia) .....	.10
15g	azureus, wonderful blue .....	.10
15k	brachipetalus .....	.10
16	Bonplandii, (Harissia) .....	.10
16a	candicans, trichocer. fine .....	.10
16b	Bridgesii, blue, good grow.....	.10
17	chiloensis, light green .....	.10
19	Chiotilla .....	.10
19c	coquimbanus, trichocer. ....	.10
20	Coryne, Stetsonia .....	.10
21	Dumortieri, Lemairocer.....	.10
21e	decumbens, showy seedlings .....	.10
21f	deficiens, Venezuela.....	.10
24	Emorii, Bergerocactus.....	.10
25c	Faustianus .....	.10
29	geometrisans, fine blue .....	.10
32	Herreraanus, rare .....	.10
33	Herzogianus, yellow sp. ....	.10
43	grandiflorus, queen of the night ..	.10
49	Jamacaru, easily grow. ....	.10
51b	Lauterbachii .....	.10
51d	macrogonus, trichocer. fine .....	.10
51f	litoralis, Chile, rare .....	.10
52	marginatus, Lemairocer. ....	.10
54	melanostele, Binghamia .....	.10
54a	melanotrichus, Corrycer.....	.10
56	Martinii, Harissia .....	.10
58	Pasacana, Bolivia .....	.10
61c	Pitahaya monstrosus .....	.10
63	pruinosis, Lemairoc. ....	.10
63a	pseudomelanostele var laredensis	
	(Haageoc) rare .....	.20
63f	Roezlii, very rare .....	.25
65	Spachianus, best for grafting .....	.10
69	Straussii, very fine .....	.10
70	strigonus, trichoc. large fl. ....	.10
71	tephracanthus (Erioc.).....	.10
76	pacalaensis (Haageoc.).....	.25
80	tortuosus, Harissia .....	.10
84c	Werdermannianus.....	.10
85	Many kinds mixed .....	.10



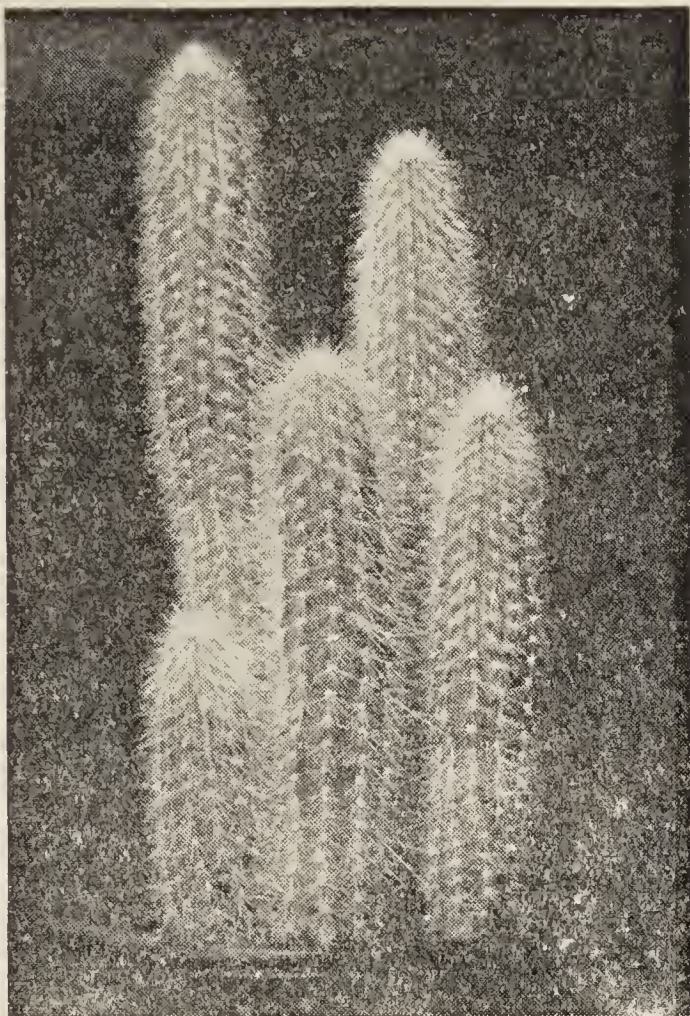
“Damping off fungus”

Chinosol is the best remedy ever tried, harmless to smallest seedlings. Can be used to soak the seeds immediately before planting, as a spray and to cauterize wounds in plants.

2	0.5 g tablets	\$.10
6	0.5 g tablets	\$.25
30	0.5 g tablets	\$1.00



Cephalocereus senilis seedlings
“Old man” seeds No. 7



Cereus Straussii seeds No. 69

ECHINOCACTUS

In this group are included Oroya, Notocactus, Gymnocalycium, Ferocactus and others.

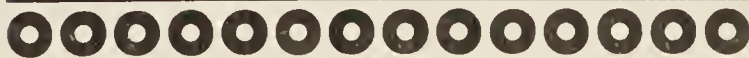
No.		Pkt.	\$
88	apricus, Notoc. large fl. ....	.10	
89	aureispinus, new, fine ....	.10	
89b	aureicentrus, wonderful novelty, red fl. ....	.25	
90a	acutissimus, rarity, Chile ....	.25	
91a	Beguinii, Neolloydia ....	.10	
96b	” senilis ....	.10	
96	Bodenbenderianus, Gymnoc. ....	.10	
99	centeterius, Chile ....	.10	
100	concinus, free flowering ....	.10	
102	conothelos ....	.10	
103	coptonogonus, stenoc. ....	.10	
104	corniger, feroc. ....	.10	
105	chilensis, neoporteria ....	.10	
105b	chrysacanthion, fine ....	.10	
116	denudatus hybr. ....	.25	
118	electracanthus, fine seedl. ....	.10	
119a	Ehrenbergii, neoloydia ....	.10	
119e	Emoryi ....	.10	
120c	floricomus, Uruguay ....	.10	
123	gibbosus, Gymnoc. ....	.10	
127	Gielsdorfianus, rare ....	.25	
127c	gladiatus ....	.10	
129	Grossei, notocactus ....	.10	
130	Grusonii, golden ball ....	.10	
131	Graessnerii, Brasil ....	.15	
133	Haselbergii, notoc, fine ....	.15	

ECHINOCACTUS

No.		Pkt.	\$
135	hexaedrophorus, large fl. ....	.10	
137	Hossei, very rare ....	.20	
138b	humilis, a pretty dwarf var. ....	.10	
141	Johnsonii ....	.10	
142	ingens, good growing ....	.10	
144b	Kurtzianus, Gymnoc. large fl. ....	.10	
144d	Knuthianus ....	.10	
146	Le Contei, feroc. ....	.10	
148	Lenninghausii, fine ....	.10	
148a	leptanthus, blooms the 2. year ....	.10	
149b	lophophoroides, new ....	.25	
149c	lophothele, free fl. ....	.10	
150	longihamatus ....	.10	
150c	loricatus ....	.10	
151	Maassii, fine, very rare ....	.10	
151b	mazanensis, Gymnoc. ....	.10	
153a	Mihanovichii, interesting ....	.15	
153b	microspermus ....	.10	
153e	” v. sanguiniflora ....	.10	
153f	minusculus, good growing ....	.10	
153h	Monvillei, Gymnoc. ....	.10	
154	multicostatus, stenoc. ....	.10	
154b	multiflorus, Gymnoc. ....	.10	
155	Mac Dowellii ....	.10	
156	Mathssonii, fine ....	.10	
157	Mostii, Gymnoc. ....	.10	
158	multiflorus v. hybopleura ....	.10	
159	nidulans, striking ....	.10	
159b	nivosus, close white sp. ....	.10	
159f	nigriareolatus, new, Gymnoc.....	.20	
160	nigricans, neoporteria, rare.....	.10	
161	Ottonis, good gr. free fl. ....	.10	
161b	” v. braziliensis ....	.15	
162a	” v. tenuisspina ....	.10	
163	pampeanus, good grow. ....	.10	
165	peruvianus, Oroya, rare ....	.20	
166	Pfeiferi, feroc. ....	.10	
167	pilosus, feroc. red spines.....	.10	
167b	Pflanzii, like Saglionis ....	.10	
169	phymatothelos, very rare ....	.10	
170	platensis, Gymnoc. good gr. ....	.10	
172a	pumilis, Frailea ....	.10	
173	Quehlianus, Gymn. free fl.....	.10	
174	recurvus, feroc. ....	.10	
174b	rhodantherus, Gymn. rare ....	.25	
175b	Rosasianus, a new stenoc. ....	.10	
176a	Saglionis, Gymn. fine ....	.10	
176b	Sandillon (Chile) ....	.10	
176c	Saueri, theloc. ....	.10	
176d	Saussirrii, large violet fl.....	.10	
177a	Scheerii, ancistroc. ....	.10	
178	Schickendantzii, colored sp. ....	.10	
178a	Schillinskianus, free bl. ....	.10	
178c	Schwebsianus, new ....	.25	
179	scopa ruberrima, notoc. fine ....	.10	
179a	Sellowii, fl. large yellow ....	.10	
179b	senilis, rare, with thin white bristles, fine ....	.10	



Write for “Cacti in the home.”
Guide to the indoor cultivation of
cacti, 48 pages. A real useful book,
25 cents post paid.



ECHINOCACTUS

No.		Pkt. \$
180a	setispinus, var. cachetianus.....	.10
181c	Sutterianus, a fine Gymnoc. ....	.10
181e	stellatus .....	.10
181f	Stuckertii, free fl.....	.10
181g	Stuemerii, easy flowering.....	.10
182	submammulosus, well growing ....	.10
182a	tabularis, easy gr. free fl. ....	.10
183	Soerensii, showy from Chile .....	.10
183b	Straussianus, strong sp. fine .....	.10
184	texensis, homalocephala .....	.10
185	tulensis, theloc. ....	.10
190	Urselianus, fine.....	.15
193	Vorwerkianus, rare .....	.10
197	zacatecasensis, about 50 rippis. ....	.10
198	Many kinds mixed .....	.10

ECHINOCEREUS

most in clusters, pretty large flowers, most var. can be bought in fl. sizes for very little money. We list seeds only of some of the rarer ones.

212	Blanckii, genuine .....	.10
225	de Laetii, like an old man .....	.10
229	Fitchii, free fl. fine .....	.10
237b	pectinatus v. tamaulipensis .....	.10
238	pectinatus rigidiss. ....	.10
245	procumbens, large fl. ....	.10
251	tuberosus, Wilcoxia .....	.15

ECHINOPSIS

sphaerical, large flowering easy to grow from seeds.

262	ancistrophora, rare .....	.15
263	aurea, lobivia, yell. fl. ....	.15
271b	caespitosa, lobivia .....	.25
274	cinnabarina, „ .....	.15
277	famatimensis, genuine .....	.25
279a	Fiebrigii, large fl. ....	.25
280	ferox, strong sp. free fl. ....	.10
281	grandis, lobivia .....	.10
281a	Haageana, lobivia, fine novelty ....	.25
281d	hamatacantha, small, giant fl. ....	.10
281f	Hertrichiana, lobivia, red fl. ....	.25
281g	Higginsiana, „ fine .....	.20
282	Hossei, fl. orange with red .....	.20
282c	Huottii, very fine, rare .....	.10
284d	leucantha, large with fl .....	.10
284g	mistiensis, wonderful fl. ....	.25
288	Nealeana, Mila, new.....	.25
290a	obrepanda, giant fl. easy gr. ....	.20
293g	pseudocachensis, lobivia .....	.25
294	rhodacantha .....	.10
295a	Salmiana, Bridgesii, white fl.....	.10
296	saltensis, lobivia, cluster .....	.10
299b	Silvestris, many coll. sp. ....	.10
300	spiniflora, rare, fragrant .....	.20
303	Spcgazzinii, good gr.....	.10
304	tubiflora. large fl. ....	.10
311	violacea, new, blooming all summer long .....	.20
314	Zuckeriniana .....	.10
320	many kinds mixed .....	.10

REBUTIA

Small plants, like mamm. with many large fl. blooming when still very young.

No.		Pkt. \$
326	aureiflora, large yellow fl. ....	.25
327	aurescens, new, rare .....	.25
332	Fiebrigii, white sp. red fl. in great numbers, easy gr. ....	.10
336	minuscula, see No. 153f .....	.10
337	senilis, with long bristles .....	.10
338	salmonea, salmon fl. good gr. ....	.10
344	xanthocarpa, rare .....	.25

MAMILLARIA

Fast growing, some blooming the second year.

350	Andreae, Coryphantha.....	.10
355	aureiceps, good growing .....	.10
356	aurihamata, golden hooked sp. ....	.10
358	asperispina, Coryphanta .....	.10
358b	Baumii, yellow fl.....	.10
359	bella, Escobaria, rare .....	.15
360	Bocasana, very popular, white ....	.10
364	Brauneana .....	.10
365	candida, white, rose fl.....	.10
367	camptotricha, peculiar plant .....	.10
369	Caretti .....	.10
369a	carnea, easy growing .....	.10
371	Celsiana, golden balls .....	.10
372	centroirrha, red fl. ....	.10
378	chionocephala, fine .....	.10
384	cornifera, Coryphantha .....	.10
385	crassispina .....	.10
386	crucigera .....	.10
389	decipiens, easy gr.....	.10
392	discolor, small .....	.10
393	Donatii, popular, easy to gr. ....	.10
394	dolichocentra.....	.10
394c	durispina, heavy spined .....	.10
395	echinoidea, large fl. ....	.10
396	elegans, white .....	.10
397	elephantidens, Coryph. ....	.10
398b	elongata var. stella aurata .....	.10
404	fuscata .....	.10
407	globosa, large yellow fl. ....	.10
411	Georgii, Coryph. new .....	.10
412	gladispina, profusely bl. ....	.10
413	Guelzowiana, red fl. white hair, very fine .....	.10
414	gummifera, new .....	.10
416	grandiflora, large fl.....	.10
419a	Heeseana, red spines .....	.10
420	Hahniana, silky white hair.....	.10
421	Heyderi v. applanata .....	.10
422	hidalgensis, free fl. ....	.10
425	Karwinskiana, popular .....	.10
427	Kunthii, white .....	.10
428	Kunzeana .....	.10
429b	lanata, white ball .....	.10
432	lenta, very rare .....	.10
434	longimama, popular, large fl.....	.10
435	„ v. gigantothela.....	.10
437	longicoma, fine .....	.10

MAMILLARIA

No.		Pkt. \$
439	macrantha, large fl. ....	.10
440	macrothiele .....	.10
442c	mazatlanensis, commendable .....	.10
445	Mendeliana.....	.10
446	Mac Dougalii .....	.10
447	melaleuca, many colored sp. ....	.10
454	microhelia .....	.10
455	microheliopsis .....	.10
457b	nivea, wonderful, white .....	.15
462	Muehlbaueriana .....	.10
463	Orcutti .....	.10
466	Palmeri, Coryph. ....	.10
468	pallida, " .....	.10
470	Parkinsonii .....	.10
472	perbella, fine .....	.10
472b	Pfeifferi, close yell. sp. ....	.10
473c	pilispina, young pl. free bl. ....	.10
474	plumosa, white feathery sp. ....	.10
475	Pringlei, golden bristles .....	.10
477	polythele, rare .....	.10
479c	Potosina, good gr. ....	.10
481	pseudo perbella, short white spines, seedlings fine .....	.10
481d	pubispina .....	.10
482	pussila crystata, seeds of crested pl. ....	.10
483	pygmaea .....	.10
487	radians.....	.10
489	raphidacantha .....	.10
493	Rettigiana, especially fine .....	.10
494	rhodantha .....	.10
496a	Runyonii, Coryph. ....	.25
497b	roseo alba, two colored sp.....	.10
497d	Saffordii, very small pl. fl.....	.10
498	Schiedana, yell. feath. sp. ....	.10
500	Seideliana .....	.10
501	Schmollii, white sp. & wool .....	.10
502	Schelhasei, free fl. ....	.10
505b	Scheidweileriana, .....	.10
506	simplex, Venezuela .....	.10
507	sphaerica, espec. large fl. ....	.10
508	spinosissima .....	.10
514	Trohartii.....	.10
532	Viereckii, young pl. free fl. ....	.10
536	Werdermannii, peculiar .....	.10
537b	Wildiana, easy to grow .....	.10
538b	Zahniana.....	.10
539c	Zeilmanniana, young pl. free fl. wonderful spined .....	.10
542	many kinds mixed .....	.10

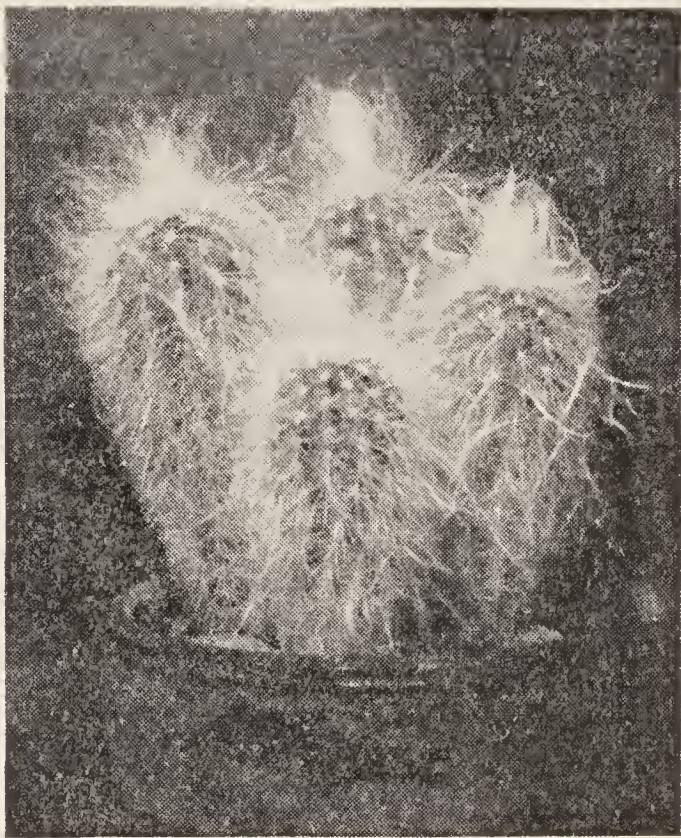
OPUNTIA

Only a few seeds of the better varieties are listed, other seeds on request.

564	aoracantha, long black spines, sphaerical .....	.10
583	diademata, var. calva, sphaerical, fine .....	.10
585	flocossa, germinat. poor .....	.10
591b	inamoena, rare .....	.10
608	ovata, dwarf .....	.10
608b	papyracantha, long paper sp. ....	.10
626e	vestita, much desired .....	.10
627	many kinds mixed .....	.10

PHYLLOCACTUS

No.		Pkt. \$
632	Ackermanni, red fl. ....	.10
646	anguliger.....	.10
660	giant fl. hybr. mixed .....	.10



Cereus sericatus seedlings
very fine, seeds No. 672

PILOCEREUS

This group contains the finest, columnar gr. cacti.

662	acanthus, Haageocereus.....	.10
663	arabidae .....	.10
666b	Celsianus, white hair .....	.10
666c	Celsianus v. Bruennowii .....	.10
666f	catingicola, new.....	.10
667	chrysacanthus, golden yellow ....	.10
667b	chrysothele, " .....	.10
668f	Dybowski, Cephalocer. from Brazil, espec. fine.....	.10
670b	fluminense, Cephalocer. ....	.10
670d	fossulatus, red sp. hairy .....	.10
672	sericatus, silky white hair .....	.25
673	Gounelli, wonderful seedlings ....	.10
673c	hapalacanthus, new .....	.10
675f	leucosthele, rare .....	.15
676c	piaulhiensis, new, blue .....	.10
676d	macrocephalus. Cephalocer. ....	.10
677e	setosus, a fine rarity.....	.15
677g	salvadorensis .....	.10
677h	sublanatus, wonderful, hairy .....	.10
679	Trollii, red and orange sp. long white hair10
680	many kinds mixed10

General mixture of all kinds:

68410
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Seeds of other succulent plants:

No.		Pkt. \$
719	Agave chrysacantha20
723	" Ferdinandis regis, fine15
724	" ferox .....	.10
760	" pickta, yellow edges .....	.10
767	" striata .....	.10
768	" stricta, very showy .....	.10
781	" many kinds mixed .....	.10
812	Aloe ferox, heavy spined .....	.10
820	" Hanburiana .....	.10
821	" hereroensis, fine .....	.10
825	" Marlothii .....	.10
826	" microstigma .....	.10
835	" peglerae, small, rare .....	.10
845	" rubrolutea, beautiful .....	.10
866	" variegata .....	.10
874	" many kinds mixed .....	.10
883b	Caralluma Leendertziae, rare ....	.10
883f	" N. E. Brownii, fine.....	.10
884a	" Burchardii, rare .....	.25
887	Cotyledon undulatum, wonderful..	.10
887c	Campylanthus salsoloides pen- dulina, new, interesting .....	.10
887d	Ceropegia fusca, rare, peculiar ....	.25
889	Crassula columnaris.....	.10
889b	" Comptonii, new .....	.20
889c	" cornuta .....	.15
890	" deceptrix, small, white ..	.20
890a	" deltoidea.....	.10
891f	" hemisphaerica .....	.10
891h	" obvallata .....	.10
892a	" pyramidalis .....	.10
892b	" perfoliata .....	.10
899	Duvalia polita, red fl. ....	.15
901	Echeveria agavoides .....	.10
911	" de Smetiana, fine .....	.10
912	" elegans .....	.10
920	" metallica .....	.10
939	" setosa.....	.10
941	Euphorbia aphylla .....	.10
942	" atropurpurea .....	.10
943	" balsamifera .....	.10
946	" canariensis .....	.10
949	" clava .....	.40
950	" handiensis, two seeds....	.45
953	" inermis .....	.25
955	" nivulia, five seeds .....	.25
956	" obesa, two seeds .....	.30
963	" regis Jubae .....	.10
966	" Royleana .....	.20
1033	Gasteria verrucosa .....	.10
1042	" mixed .....	.10
1045	Grenovia gracilis .....	.10
1048	Havorthia arachnoides .....	.15
1068	" mixed .....	.10
1073	Kalanchoe flammea .....	.10
1074	" globulifera coccinea ....	.10
1100	Kleinia neriifolia .....	.10
1196	Rochea falcata.....	.10
1372	stapelia flavirostria .....	.25
1373	" Getleffii.....	.25
1376	" grandis .....	.10
1390	" Schinzii, genuine .....	.25
1410	" variegata .....	.10
1415	" mixed .....	.10

Seeds of other succulent plants

No.		Pkt. \$
1420	Tavaresia grandi fl.....	.20
1427	Trichocaulon Dinteri.....	.35
1429	" keetmanshopensis .....	.30
1431	Umbilicus chrysanthus .....	.10
1433	" pendulinus .....	.10
1435	" spinosus .....	.10



Echeveria agavoides
seeds No. 901



Indoor Hothouse

electrically heated with automatic regulation
8x16x10 inches high, with removable seed pan.
Seeds germinate quickly and grow fast.
Price complete \$ 10.00 not post paid.



Euphorbia obesa, very rare
seeds No. 956

Backeberg's: "Bulletin of Cactus Research"

published in English, German, Dutch and French.

A wonderful illustr. magazine giving new and rare varieties
in flower and generally actual size.

12 month \$1.70

6 month 90 cents.

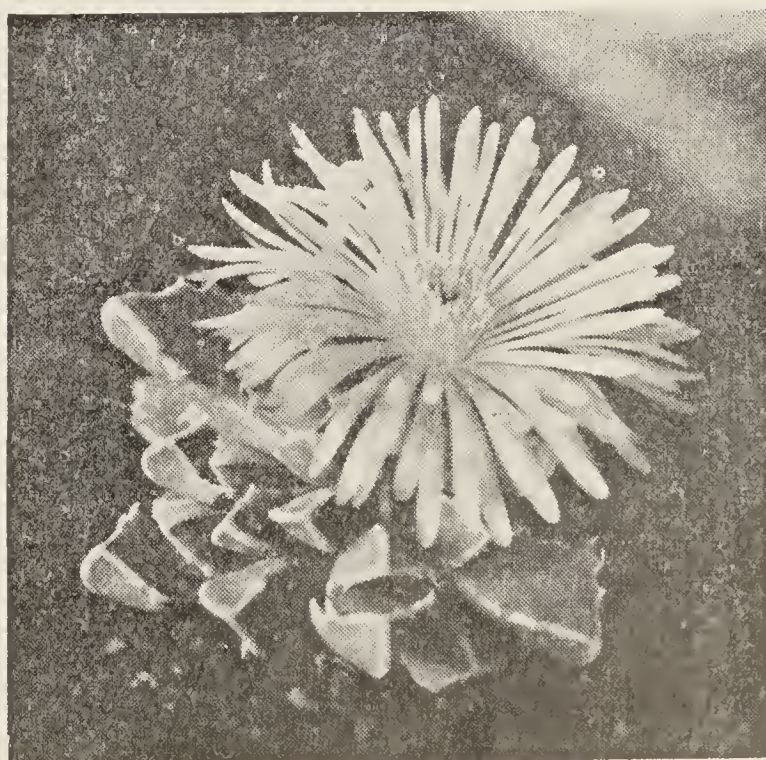
Mesembrianthemum

Easy to grow from seeds.

No.		Pkt. \$
1547	Argyroderma testiculare .....	.10
1553	Carpobrotus aequilaterale.....	.10
1591	Cheiridopsis cigarettifera .....	.10
1589	" candidissima .....	.15
1594	" Derenbergiana .....	.10
1600	" Marlothii .....	.10
1602	" peculiaris .....	.10
1606	" Pillansii .....	.25
1609	" vanzylii .....	.15
1614	Conophytum albescens .....	.25
1617	" bilobum .....	.30
1618	" calculus .....	.20
1640	" Maughanii .....	.15
1660	" obconellum .....	.20
1662b	" Pearsonii .....	.30
1663	" pictum, fine .....	.35
1664	" Pillansii .....	.30
1668	" Purpusii .....	.35
1690	" van rhynsdorpense ....	.15
1690a	" vanzylii, rare .....	.35
1708	Didymaotus lapidiformis .....	.15
1709	Dinteranthus puberulus.....	.10
1711	" microspermus .....	.15
1711b	" Pole Evansii .....	.20
1747	Faucaria albidens .....	.20
1748	" Bosscheana.....	.15
1749	" felina .....	.20
1750	" Haagei, largest fl. ....	.20
1752	" lupina, genuine .....	.25
1755	" tigrina .....	.15
1765	Fenestraria rhopalophylla.....	.20
1770	Gibbaeum album .....	.35
1774b	" perviride.....	.20
1816	Lapidaria Margaretae.....	.15
1819	Lithops Aucampii .....	.15
1820	" bella.....	.25
1822	" Comptonii, rare.....	.25
1824	" farrinosa .....	.25
1825	" Eberlanzii .....	.25
1825b	" Erniana .....	.25
1826	" Fulleri .....	.15
1826a	" fulviceps .....	.25
1827	" Franziscii .....	.35
1828	" Framesii .....	.25

Mesembrianthemum

No.		Pkt. \$
1828b	Lithops Herrei .....	.40
1828d	" Julii .....	.20
1829	" kuibisensis .....	.25
1829a	" kunjasensis .....	.25
1830	" Lesliei, good gr.....	.10
1831	" karasmontana .....	.15
1831a	" lactea .....	.20
1831b	" lateritiae .....	.25
1834	" Lericheana .....	.25
1835	" Meyeri.....	.25
1837	" Lydiae, rare .....	.35
1838	" pseudotruncatella .....	.10
1840	" " var. Mundtii..	.10
1842	" Marthae .....	.20
1846	" mickbergensis .....	.10
1858	" opalina.....	.20
1860	" optica .....	.10
1861	" rugosa .....	.25
1863	" Peersii .....	.20
1863b	" Ruschiorum .....	.25
1864	" Schwantesii .....	.35



Faucaria Haagei seeds No. 1750

Mesembrianthemum

No.		Pkt. \$
1865	Lithops summitatum .....	.20
1867	„ Triebneri .....	.25
1868	„ turbiniformis .....	.20
1869	„ umdausensis .....	.35
1872	„ vallis Mariae .....	.20
1873	„ vanzijlii .....	.20
1875	„ many kinds mixed ....	.15
1892b	Mitrophyllum grande .....	.15
1894	„ mitratum, five seeds....	.35
1896	Monilaria chrysoleuca .....	.30
1896b	„ moniliforme .....	.20
1912	Opthalmophyllum Friedrichae ..	.15
1913	„ Herrei .....	.15
1914	„ Schlechteri .....	.20
1914a	„ Schuldtii .....	.15
1914c	„ Triebneri .....	.20

Mesembrianthemum

No.		Pkt. \$
1919	Pleiospilos Archeri.....	.20
1920	„ Bolusii, genuine .....	.10
1926	„ longibracteatus. 5 seeds	.50
1928	„ Nelii, large fl.....	.40
1930	„ prismaticus.....	.10
1931	„ Purpusii .....	.15
1932	„ Roodiae .....	.10
1936	„ simulans, large fl. ....	.10
1937	„ Willowmorensis .....	.20
1947	Rimaria Comptonii .....	.35
1959	Titanopsis astridea .....	.40
1962	„ Hugonis Schlechteri....	.40
1964b	„ setifera .....	.15
1965	„ Schwantesii .....	.25
1969	„ Triebneri .....	.20
1998	A fine mixture of the dwarfy kinds; Argyroderma, Conophytum, Lithops and Pleiospilos.....	.15
1999	many kinds mixed of all groups ..	.10

INSTRUCTIONS:

Sow into flat pots, as warm as possible, into a mixture of 1/2 sand and 1/2 leaf mold. Cover the seeds only slightly with earth. Cover pots with glass and keep them for the beginning equally wet. Place the first seedlings to come into another basin not quite so wet. Go on watering the seed basin, for remaining seeds will grow. Protect against direct sun rays with tissue paper.



Write for:

»Cacti in the home«

Guide to the indoor cultivation of cacti, 48 pages.

A real useful book, 25 cents post paid.

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and other succulent seeds / Herman Tobusch.

Batch: NC_1935_T



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